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**SPACE SYSTEMS  
LORAL**

Launch Integration & Operations Department

DEPT. OF TRANSPORTATION  
DOCKETS

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August 30, 2002

SPA-02-13521-4

To: Associate Administrator for Hazardous Materials Safety  
Research and Special programs Administration  
U.S. Department of Transportation  
400 7<sup>th</sup> Street, SW  
Washington, DC 20590-0001  
Attention: Exemptions, DHM-31

From: Launch Integration & Operations Department  
Space Systems/Loral  
3825 Fabian Way; MS G84  
Palo Alto, CA 94304-4604

Subject: Request for DOT Exemption for transporting spacecraft with empty  
pressurized on-board gas tank

107.105(a)(2) Applicant: Alan Eft  
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Space Systems/Loral  
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107.105(a)(3) Not applicable; applicant is a U.S. resident/citizen.

107.105(a)(4) Manufacturing Exemption Locations

1. SPACE SYSTEMS/LORAL  
3825 Fabian Way  
Palo Alto, CA. 94303-4604
2. BOEING AEROSPACE  
20403 68<sup>th</sup> Avenue SO  
Kent, WA. 98032
3. BOEING AEROSPACE  
2201 Seal Beach Blvd.  
Seal Beach, CA. 90740

4. LOCKHEED MARTIN ✓  
1111 Lockheed Way  
Sunnyvale, CA. 94089
5. JET PROPULSION LAB (JPL) ✓  
California Institute of Technology  
4800 Oakgrove Drive  
Pasadena, CA. 91109
6. MOFFETT NAVAL AIR STATION ✓  
So. Ellis Street Entrance  
Mountain View, CA. 94089
7. ASTROTECH SPACE OPERATIONS, L.P. ✓  
1515 Chaffee Drive  
Titusville, FL. 32780
8. CAPE CANAVERAL AIR STATION ✓  
Cape Canaveral, FL
9. SEA LAUNCH HOME PORT ✓  
2700 Nimitz Road  
Long Beach, CA 90802
10. ARNOLD DEFENSE CENTER ✓  
107 Avenue  
Arnold AirForce Base, TN. 37389-4000
11. OAKLAND AIRPORT ✓  
Oakland International Airport  
1 Airport Drive  
Oakland, CA 94621

107.105(b) Confidential Treatment. Confidential treatment of the information contained in this document is requested.

**Description of exemption proposal.**

107.105(c)(1) Specific regulation of relief.

Space Systems/Loral requests a DOT Exemption to transport satellites (also called spacecraft) manufactured at the Palo Alto, California manufacturing facility. The standard spacecraft bus model, 1300 class, may include one of the two types of Xenon Pressurant Tank designs described in this document.